

**AMENDMENTS TO SPECIFICATION:**

Please replace paragraph [ 0001] with the following amended paragraph:

[0001] This application is related to U.S. Patent Application No. 10/666,438 ~~\_\_\_\_\_ (Attorney Docket No. VP087)~~, filed on the same day as the instant application and entitled "YUV DISPLAY BUFFER." This application is hereby incorporated by reference in its entirety for all purposes.

Please replace paragraph [ 0030] with the following amended paragraph:

[0030] In summary, the above-described embodiments enable independent application for offset and scaling operations which may be applied before or after a matrix calculation. Furthermore, the independent application of the offset and scaling operations to the input occur without having to recalculate or otherwise change the matrix coefficients. It should be appreciated that the above described embodiments may be incorporated into any suitable display controller. In one embodiment, the display controller discussed in Application Serial No. 10/666,438 ~~\_\_\_\_\_ (Attorney Docket No. VP087)~~ which has been incorporated by reference, includes the color space conversion scheme provided herein.